

Docket No.: PF-0111-3 CON

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By: Michelle Stempien Printed: Michelle Stempien



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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of: Bailleul et al.

Title: NOVEL HUMAN LEPTIN RECEPTOR GENE-RELATED PROTEIN

Serial No.: To Be Assigned Filing Date: Herewith

Examiner: To Be Assigned Group Art Unit: To Be Assigned

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Commissioner for Patents  
Box Patent Application  
Washington, D.C. 20231

INFORMATION DISCLOSURE STATEMENT

Sir:

Pursuant to 37 C.F.R. §§ 1.56, 1.97 and 1.98, Applicants wish to call to the attention of the Examiner the enclosed "List of References Cited by Applicants." The right is reserved to antedate any item in accordance with standard procedure.

Applicants respectfully submit under 37 C.F.R. 1.98(3)(d) that copies of the references are not included herein as copies were previously cited by or submitted to the Office in parent application Serial No. 09/212,153, filed December 15, 1998, from which we are claiming priority under 35 U.S.C. §120.

Citation of the documents is not to be construed as an admission that the documents are necessarily prior art with respect to the instant invention. This submission is understood to complement the results of the Examiner's own independent search. Citation of the documents shall not be construed as a representation that a search has been made or that the cited items are inclusive of all the relevant

and material citations that may be available publicly. Any NCBI report included herein may not have an accurate date for prior art purposes. Some of the documents may have markings thereon. No significance is meant to be attached to the markings.

Applicants respectfully request that the cited documents be considered by the Examiner and that an initialed copy of the List of References Cited by Applicants be returned to Applicants.

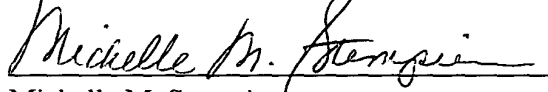
It is believed that this disclosure complies with 37 CFR §§ 1.56, 1.97 and 1.98 and the Manual of Patent Examining Procedures § 609. If for some reason the Examiner considers otherwise, please telephone the undersigned.

Applicants believe that no fee is due with this paper. However, if the Commissioner determines that a fee is necessary, the Commissioner is hereby authorized to charge any additional fees associated with this communication or credit any overpayment to Deposit Account No. **09-0108**. **A duplicate copy of this communication is enclosed.**

If there are any questions regarding the above, the Examiner is invited to call the undersigned at 650-855-0555.

Respectfully submitted,

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U.S. Department of Commerce, Patent and Trademark Office				Atty Docket No.		Serial No.	
				PF-0111-3 CON		To Be Assigned	
LIST OF REFERENCES CITED BY APPLICANTS				Applicant(s)			
(Use several sheets if necessary)				Bailleul et al.			
				Filing Date		Group	
				Herewith		To Be Assigned	
U.S. Patent Documents							
*Examiner Initial		Document Number	Date	Name	Class	Subclass	Filing Date If Appropriate
Foreign Patent Documents							
							Translation
		Document	Date	Country	Class	Subclass	Yes No
	1	WO96/08510	21Mar1996	PCT			
OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)							
	2	Chehab, F.F., et al., "Correction of the sterility defect in homozygous obese female mice by treatment with the human recombinant leptin" <u>Nature Genetics</u> , 12:318-320 (1996)					
	3	Chen, H., et al., "Evidence That the Diabetes Gene Encodes the Leptin Receptor: Identification of a Mutation in the Leptin Receptor Gene in <i>db/db</i> Mice" <u>Cell</u> , 84:491-495 (1996)					
	4	Cioffi, J.A., et al., "Novel B219/OB receptor isoforms: Possible role of leptin in hematopoiesis and reproduction" <u>Nature Medicine</u> , 2:585-589 (1996)					
	5	Huang, M., et al., "Analysis of a 42.5 kb DNA Sequence of Chromosome X Reveals Three tRNA Genes and 14 New Open Reading Frames Including a Gene Most Probably Belonging to the Family of Ubiquitin-Protein Ligases" <u>Yeast</u> , 11:775-781 (1995)					
	6	Khachigian, L.M., et al., "Platelet-Derived Growth Factor and Alternative Splicing: A Review" <u>Pathology</u> , 24:280-290 (1992)					
	7	Lee, G.H., et al., "Abnormal splicing of the leptin receptor in <i>diabetic mice</i> " <u>Nature</u> , 379:632-635 (1996)					
	8	Phillips, M.S., et al., "Leptin receptor missense mutation in the <i>fatty Zucker rat</i> " <u>Nat. Genet.</u> , 13:18-19 (1996)					
Examiner		Date Considered					
<p>*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with your communication to applicant.</p>							

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## OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)

9	Tartaglia, L.A., et al., "Identification and Expression Cloning of a Leptin Receptor, OB-R" <u>Cell</u> , 83:1263-1271 (1995)
10	Thomas, P.M., et al., "Mutations in the Sulfonylurea Receptor Gene in Familial Persistent Hyperinsulinemic Hypoglycemia of Infancy" <u>Science</u> , 268:426-429 (1995)
11	Wilson, R., et al., "2.2 Mb of contiguous nucleotide sequence from chromosome III of <i>C. elegans</i> " <u>Nature</u> , 368:32-38 (1994)
12	Zhang, Y., et al., "Positional cloning of the mouse <i>obese</i> gene and its human homologue" <u>Nature</u> , 372:425-432 (1994)
13	Marra, M. et al. (GI 1368126), GenBank Sequence Database (Accession W62925), National Center for Biotechnology Information, National Library of Medicine, Bethesda, Maryland, 20894.
14	Hillier, et al. (GI 1232038), GenBank Sequence Database (Accession N74753), National Center for Biotechnology Information, National Library of Medicine, Bethesda, Maryland, 20894.
15	Pelleymounter, M.A. et al., "Effects of the <i>obese</i> Gene Product on Body Weight Reduction in <i>ob/ob</i> Mice" <u>Science</u> (1995) 269:541-543
16	Bailleaul, B. et al., "The leptin receptor promoter controls expression of a second distinct protein" <u>Nuc.Acids Res.</u> (1997) 25:2752-2758
17	Hillier, L., et al., "yh73d04.rl Homo sapiens cDNA clone 135367 5 prime" ETS Database (Accession No. R32609) (1995)
18	Hillier, L., et al., "zallal1.s1 Homo sapiens cDNA clone 292220 3prime" ETS Database (Accession No. N62459) (1996)
19	Thompson, D.B., et al., "Human leptin receptor (LEPR) gene, exon 2" GenBank Database (Accession No. U59247) (1996)
20	Stratagene Catalog, p. 172 (1995)
21	Sambrook, J., et al., "Molecular Cloning: A Laboratory Manual" Cold Spring Laboratory Press, NY, pp. 8.46-8.52 (1989)
22	Darnell, J., et al., "Molecular Cell Biology" Scientific American Books, Inc., NY p. 255 (1986)
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<p>*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with your communication to applicant.</p>	

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